THE SUN, SUNDAY, PERRUARY 25, 1867.

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side of which are the stores of wholesale merchants. Opposite is the fashionable boarding nouse of Mesdames Mix and Tripp. This overlooks the Atlantic Gardens, devoted to oysters and terrapin in winter and ice cream in summer. Next is the private residence of Lewis S. Morris, who prefers the old trees of Bowling Green to the young ones of new Union Square. He has an aristocratic neighbor at No. 1 the granite mansion, guarded at its portal two hage clast-iron lions, of Gordon W. Itham, whose memory survives in the Webstatus in Central Park, which was the garden building fooms in signs for six ries of height was then recarded as looming; where the Cunard Company has the Cunard Company has the control of the Cunard Company has where the Cunard Company has its office, where the Cunard Company has its office. Here at 30 begins a dry goods district, with the stores of Ferkins, Warren & Co.: Stone & Starr, Woodbury, Hope & Graydon; Greenaway Bros. & Tracy; Moulton & Firmpton

stores of Ferkins. Warren & Co.: Stone & Store of Ferkins. Warren & Co.: Stone & Starr, Woodbury. Hope & Graydon: Green-away Bros. & Tracy: Moulton & Pisimoton iwhose top loft gives room to Fuller's gymnasium. A few doors off is the empress office of Handen, whose primitive wagon can be seen pictured in the offices of his successor, the Adams Company. There is an office building of medest proportions where the Arcade building how is, and among its tin office signs we read the names of Morris Ketchum. Edward Curtis, late Collector of the Fort, and S. H. Rugnies, also the thereafter marie pame of Cornelius Vanderblit. We hass Trinity Church, and at the door take off hats to Bishop Wainwight and Gen. Dix, who have just quitted montide service. Looking across Broadway we see on the corners of Wall street downly old three-storied brick houses lately residences and now used as pokey offices. Then comes the first Trinity building, where we read the sign of a great jury lawyer of the period. Edward Sandford, who three years later fatel to be drowned by the sinking of the Collins steamer Factio.

Soon we case the dry goods offices of Tefft & Griswold-familiar to after generations. And as we turn away from Cortlandt street we come upon Raiblun's Hotel, and are reminded that its proprietor was the notorious Buffalo merchant. Henjamin Raibbun, who was living down a term in State prison, to which he was sentenced for besuing forged paper. The fashionable tailors, S. John. Raymond & Co., are his neighbors, and also Peter Gilsey, yet a modest cigar seller, b testined to become millionaire, liderman, and bridge of a great hot to bear his name. We pass the gun store of Orison Blunt, destined a few of Gunner-for the word photograph hall not yet materialized. Here, too, are the book stores of Spaiding & Shepard and Jonathan Leavitt, and also the drug store of Charles H. Ring, son to be an Eirshi ward Adderman, form a hoodifing combination and originate the word "Ring," as anolled to a syndicate of political solitone. On a John st House, so times upon more dry woods firms, more book stores, and where the Broadway hank building stands the famous dargierrotype galer of M. B. brady, who recently died from grief at the refusal of the national Government to buy his views of the civil war.

As we have along we natione a moment to view the Fars and City Hall. Flere is an unchaturated view down to the little triangle closing Fark row. Along Chambers street ups a long line of buildings used by the courts, and in the next year to be burned down and be replaced by the white marble Court House. Between Warr n and Chambers atreet. A. T. Stewart still maintains a moiest shop, and up-

replaced by the white marble Court House. Between Warr n and Chambers street. A. T. Stewart still maintains a moiest shop, and upstairs the swell coffeur. Dibbles, holds court for Stewart's shoopers, who can of him purchase Jehny Lind handeaux to comply with the taste of the merical Here is that gold mine, the Chemical Bank, and next to it is the shop of Tiffany. Young & Ellis, the uncleus of the store on Union square, where lately the tendy partner celebrated his eighty-seventh birthday. Union the opposite corner beneath a second story, which recently withestand the College and story. When recently withestall the College and soon water, with the still weblecombered William Heavenan as funter partner. No. 289 is an office building where John Lafarge, the secretive arent of the coyal Direans family, has an office and a where partier. No. 259 is an office builda where John Lafarge, the secretive arent
the royal Orients family, has an office, and
so Russ & Read, who are now paving broadary with immense granite blocks that are
on to give way to the smaller Beigian blocks,
ence, old-timers often now refer to the Russ
sement, how as obsolete as cobblestones,
urther along we read the sign of William
verbeil, without whose minute name on cards
the period no wedding can be called swell,
it is also the introducer of the new monogram
of for seals and note paper. Near Luane
feet, but far from the establishment of Gen,
evart it woodford's father to that of the
schlonable tailor, arnoun, Old Woodford and
d Arnous often meet, oblivious of the desart that is to bring their schoolbog sons into
the legal carthersing after one has been a
orige and the other a Congressman. More
flores and we read the sign, "William E.
sonneon, Reporter"—put yet newspaper corspondent, signing himself "Richellen," or
is a Congressman audectously in delate

around him and the new Grace Church confronted him. The blocks between the church
and Union square were in a transition state for
higher prices and buildings, so that a few lots
remained variant.

If we stopped in Union square to explore the
residences on Broadway or fronting the other
sides of the square we should see among those
on the corner of Sixteenth street, where old
lantel Parrish, a paralyzed millionaire, was
dying in charge of a young wife, whom his relatives charged with marrying his for his
money and with having influenced to their disadvantage his will and testament; also the
iltra-fashionable school of Mme, Chegary, and
the residences of Judge William Kent, Sam
Ruggles, George Law, one of the few millionaires of the period: W. K. Strong, George W.
Joster, Peter Goelet, John Cawell, and the
eventric Irishman, Richard Tighe, who died
in 1896, whose millions are under attack in
the Surrogats's Court.

There are three vacant lots between Twentieth and Twenty-first streets. At 917 J. T.
Depersier yet occupies his comfortable house.
On the next block are seven vacant lots. There
is only one building between Twenty-second

On the next block are seven vacant lots. There is only one building between Twenty-second and Twenty-faired streets. Where the Fifth Avenue Hotel now stands there is only the readhouse and grounds of mine host Corporal Thompson, whose rare milk nunches are tremes of cossin. At Twenty-fourth street there is a blacksmith's force. At Twenty-fifth street the directory ceases to notice Eroadway, and at that point numbers are not to be found and practically as we cease our walk at Madison square the vista up Broadway and Fifth avenue presents vacant lots.

### CALLED THE BISHOP A NIGGER.

Moreover, the Lunch-Counter Man at Macon Would Not Sell Him a Cup of Coffee.

Commission is perplexed over a question of civil rights. The complainant in the case is Bishop II. M. Turner, who is one of the most distincountry and is at the head of the Methodist Church in Georgia.

Bishop Turner has risen to a position from which he commands the respect of white men and black men alike. He is a scholar, travelled, cultured, and possessed of spiendid oratorical powers, besides being a shrewd and skilful manager of the temporal affairs of the Methodist Church in the State. But in spite of his attainments, and in spite of the fact that he had been entertained by the representatives of royalty abroad while he has been pursuing his investigations as to the condition of affairs in Liberia, he was unable to purchase a cup of coffee at a

lunch stand in Macon.

The Southern Railroad Company owns its station in Macon, and exercises a sort of eminent. domain over the property, which is let to the Southern News Company for a lunch counter and eating house. Bishop Turner was coming up from a parochial visit in the lower part of the State, and early in the morning the train stopped at Macon to give the lunch counter company a chance at such hungry passengers as had not been initiated there. The Bishop was weary from a long night's ride, and had a headache, so

from a long night's ride, and had a headache, so he thought this he would get a cup of coffee to fortify him for the remainder of the journey of a hundred miles to his home in Atlanta. He alighted from the train, approached the counter, and politely asked the young man whom he found there for a cup of coffee and a sandwich. The clerk coolly replied that they did not entertain "niggers" at that counter, and the Bishop had to swallow his mortification and humilistion and go away hungry.

The flishop climbed back on the train and resumed his seat, and during the remainder of the trip he did a lot of thinking. The only remely that suggested itself to him was to appeal to the Georgia Railroad Commission, which is supposed to be omnipotent in such matters, as the eather house is under the control of the Southern Italiroad Company. He has asked the commission, therefore, that a place be provided where respectable colored people can purchase food and drink while travelling over the company is lines, apart from the counter provided exclusively for the benefit of the white people who travol. It is a little remarkable that such a matter should be brought before a commission whose duty is to regulate travel and commerce over the railway lines in the Statz, and to prevent any unjust discrimination for or against communities or individuals, but the commission has taken the matter under advisement and will render a decision.

Hishop Tarner is a very conservative man and

has taken the matter under advisement and will render a decision.

Hishop Turner is a very conservative man and is endowed with a large share of common sense, and he has heretofore contented himself with an occasional protest against rules of the companies requiring all colored people to huddle together in one common limerow car when travelling, but the refusal of the funch counter attendant at Macon to sell him a sandwich and a cup of coffee was too much for even his forbearance, and it is altogether probable that an issue will be made on the case that will be far-reaching in its effects. The question is one of vital importance to the better class of negroes, in which may be found many persons of culture and refinement, and it may be carried to the higher courts for final adjudication.

perhaps the least useful and most 'ornery' specimens of humanity to be found in North America. They are professionals without the skill or nerve they need to enable them to held their own among other professionals. Knowing just enough to cheat, but not enough to cheat deftiy, they travel about the country, usually alone. but sometimes in pairs, stopping in the smallest settlements for a day or a week at a time look. settlements for a day or a week at a time, looking for victims. No game is too small for them,
though they will play heavily at times, but they
manage to live on their little skill by worming
their way into friendly games of poker, such as
are played all over the country, but perhaps
more openly in the West than in the East.

"When Dick Bradley happened along our
way and stopped over at our town, we had,
though we did not realize it immediately, all
the elements of a drama right at hand. It was
not long before the drama was enacted, and perhaps it was just as well that we were not a little

not long before the driman was enacted, and perturther West, for there might have not a little
trathe shooting in the last act. As it was we
had a duel, but that was fought with the paste
boards instead of revolvers, and the difference
was supposed to be settled by a freeze-out in the
great American game. He was a little hand;
series and nothing more. He was a little hand;
series and the scalar run of men, and he dressel;
part of the country. Moreover, he had a freeand-easy way with him-it was a part of his
stock in trade—that was attractive to anybody,
and I suppose especially so to a woman like
Lena. At all events he hadn't been with us
twenty-four heurs before there was a violent
filtation going un between the two. We all conseried that natural esough, and knowing the
women of it at first. Stein took no notice of it
apparently, and as it was a matter that concerned
no one else so closely as it did him none of us
felt called on to say anything.

"Somewhat to our surprise, however, Bradley
stayad on for more than a week. It wasn't his
regular business that kept him, for though we
proper the back room of the hear a matter of course, he
didn't make enough out of it to make it an object to stay. There were some of us who underalood the game and the ordinary tricks of
crooked players as well as he did, and he was
not long in finding out that he had to play square
if he played at all. So, as we never played for
Still he stayed. After a few days we alter him
still he stayed. After a few days we alter him
still he stayed. After a few days we alter him
still he stayed, after a few days we alter him
still he stayed. After a few days we alter him
still he stayed. After a few days we alter
him still he made no objection to anything she did, but
gare her a perfectly free foot the gambler grew
boilder and boider, until there was no longer any
possibility of remaining blind to the fact
of the proper shall be added to the fact
of the strain of the second him with considerable contempt, when one evening he under
c

bursements of the order since its foundation here being in excess of \$30,000,000. The Catnobic Benevolent Lewing, of which Surreyor John C. McGuire is President, has disbursed since its organization in 1881 \$7,000,000. The American Legion of Honor, feunded in 1878, has disbursed since that time \$34,000,000. Its largest membership is in and about the city of Philadelphia. The Improved Order of Red Men, a social organization spread throughout the United States and laving a membership of nearly 200,000, has alisbursed since its organization spread throughout the United States and laving a membership of nearly 200,000, has alisbursed since its organization \$15,000,000. The Treasurer of the Red Men, by the way, is known as the Great Keeper of Wampum. The Independent Order of the Free Solts of Israel, one of the largest Hebrew benevolent orders in the United States, founded in 1849, of which former facile Commissioner Julius Harburger is Grand Master, has disbursed since its organization more than \$5,000,000. The Knights of Honor, founded in 1873, have a record of disbursements last year of \$3,040,000. The Order of United Friends, founded in 1881, has disbursed since it organization \$70,000,000, has disbursed since it organization \$70,000,000, has disbursed since it organization \$70,000,000, has disbursed since that time \$800,000.

The insurance against sickness and deathing had the effect of largely increasing their membership, and, moreover, have a correct an infavorable influence upon many ciules which have no such provident feature of organization. Few of the clude of New York city, though there are, of course, many exceptions, are prospering in a financial sense at the present time, and one

I'm thinking of having it fitted with racks the way they do on shipboard. I did screw the less to the floor, but there was some sort of a kick about it; I don't remember exactly what. Oh, yes! they couldn't sweep under it.

Oh. Leard! I said. 'What do you want to sweep under it for! The Bevil keeps it clean switching his sail around when he sunder there.

'We don't keep any lamps or brick-brac on the tables, pursued Mr. Tugie Bell. 'We had to learn that by bitter experience, though. The lirst time the Devil upset a lamp! I managed to prevent any damage except a rather serious conflagration of my eyebrows and front hair. But the next time we didn't get off so easily. My cyclerows and hair hadn't got fairly started growing yet, so they were not enough to check the procress of the flames, which leaped past me and caught the lace curtains. As good luck would have it, one of my sisters used to be addicted to the lace-curtain habit—setting them on fire, you know, when she was curling her hair—so I was right at home. I tore down the curtains and got them out on the laxuagend then I kicked the board of the most on the laxuagend then I kicked the leap will be by burned up. The Volunteer Fire Department arrived about that time, and they had a line of hose attached, and were just going to torn a stream into the parlor when I interfered. Those volunteer companies are the very deuce and all! I thought they would flood the house, whether or no. I still had the dog by the collar, so I told the foreman of the company that he could take his choice. I would set the dog on him or he could turn the hose on the dog.

"I'll do neither!' said he.

"All right!' says!. 'You can do neither if you don't want to, but I'll do ene!' and with that I hit the dog a clip that made him jump six feet. I hung on to his collar, though, and when we landed I looked around and located the fireman, who had also—moved slightly.

"You see there!' I said. 'I don't know how landed I looked him Will you take anyther.

The Inventor Calls It a Mellow Chord and Says In Rumford lives an old gentleman who pos-

A NEW MUSICAL INSTRUMENT.

From the Providence Journal.

In fact, it is hereditary with him, for his father was a fiddler and his father in turn before him.

has to hear an air whistled, sung or hummed only once in order to correctly produce it on a

so that it is not altogether strange that he should be endowed with the same temperament. So

condon't want to, but I'll do one? and with that I hit the dogs a clip that made him jump six feet. I hung on to his collar, though and when wo landed I looked around and loosated the fireman, who had also—moved slightly.

"You see there? I said. I don't know how long I can hold him. Will you take another choose? It was toest you anything. This sain to the him it is a chirch lay where he had dropped it, and was action lay where he had dropped it, and was action lay where he had dropped it, and was action lay where he had dropped it, and was action lay where he had dropped it, and was action lay where he had dropped it, and was action here there he had dropped it, and was action had been the home of the home and—"I can't much longer; asys it.

"I can't much longer; asys it." I will be the him to he had the home of the him he had to he had the here the him had been and him. I will be the him he had a few peris of wisdom, which were related worth the proceeding. I have treasent to try to but of them is that you don't want to try to but of the him stream of water. Another one is but a dog's place, wherever it may be under ordinary circumstances, is not beside you when you order the hose turned on him.

"Well," resumed Mr. Rell, "in these and other convincing ways we learned to put lamps and other convincing ways we learned to put lamps and other convincing ways we learned to put lamps and other beakables alove high water mark, so to speak, You won't find the light very good for reading, but it's safer; it's safer, the greatest difficulty which we have had in trying to domesticate the best had been with servants. We don't keep many, of course. Only one, in fact, and up to a few months ago we didn't succeed in keeping even one. We had about twenty-five, one after another, but the Devil feet way with them all. At any rate, be droved dory, if you it will be goods took pity on us and sent us the one we have now, she hove dony, if you had not had the him well and the him well and the him well and the him well and to the

siringed instrument. He plays purely by ear, and, as he himself frankly confesses, "does not know the first rudinent in music or one printed note from another."

A burn player, he was not satisfied with the tunes of the violin, banlo, or mandolin, and set his wits at work to make something that would said him, and he succeeded in a production of his own, which he very appropriately calls the "mellow chord."

Built somewhat on the lines of the banlo, yet with a flavoring of the gullar, the musical result is wonderful. Strumg with violin and two wire gultar strings, the tones are as mellow and rich as anything flamsinable. The inventor has entered on the cishid decase of his kine, and with a say the master of the cishid decase of his kine, and with the cishid and the way the music wells forth is a matter to be wondered at.

The mellow chord is just 28 inches over all and 12 inches with the head, when his present in the body, As on a banjo, the fingering is done with the left kine, with the head, Present scalarst the body, As on a banjo, the fingering is done with the left kine, with the head pressed scalarst the body, As on a banjo, the fingering is done with the left hand, although there are no freue, the body of the last parted, and the six strings and the his cishing as they do the level expanse of the string board, and the without south the head of the last parted to hear the hole is about throe inches in dispersion of the his cishing the with the product of his principle, although the cishing the w her! There came Susan astride of the dog, bearing aloft the turkey on its platter!

"The room is so small that Susan was clear up to the table in about two seconds. Then, somehow, I don't know how, the dog slipped out from under her and left her standing there. She slammed the platter down in front of me and ied, Laugh! No, not for a minute. Hooked at Jack. His eyes were popping out of his head.
"Rather a unique sides, don't you think! I said, sharpening the carver. "We always have our sunday dinner served in this way; at least, the principal courses. How do you like it! We thought!! would be something novel, but may be you re in the habit of having your waiters on horseback. I've heard of such things. When we set a bigger house we may enlarge our methods, but at present we are a trifle crainped." "Well, he looked dumfounded until I lay down my knife and fork and laughed till the tears ran down my cheeks, when he joined me. My wife excused herself and went to the kitchen, where she found Susan with the tears running down her cheeks, but not from laughter. Nothing in the power of human entreaty could preval on her to come into the dining room again while Jack was there. In fact, we had all we

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York City. The experience of the past warrants me in giving this guarantee for the future. Hyomei has given universal satisfaction, and has done more than I have claimed for it. It breaks up a cold over night if taken in time. It stops a cough almost instantly. Hyomei is a specific for Bronchitis; it cures Catarrh. Booth's Hyomei, the Australian "Dry-Air" treat-

ment. "CURES BY INHALATION."

Your druggist has it, or can get it if you insist. There is no substitute. Pocket Inhaler Outfit at druggists', or by mail, \$1.00. Extra bottles Inhalant, 50 cents. Hyomei l'alm, 25 cents.

Pamphlets free. Cordial welcome and free advice it you will write or call on

### R. T. BOOTH, 23 East 20th St., New York.

could do to keep her with us at all; but she couldn't resist that promenade with the Devil." "But how did it happen?" asked Mr. Tugio Ball's right.

"But how did it happen?" asked Mr. Tugle Bell's friend.

"Why, don't you see! The dog was lying across the doorsil when Susan was coming out or in with the turkey. She had just got one foot over him when he started up and advanced to the table. He had a way of doing that, in order to get dainty bits from my wife. Well, when he got up at that critical moment Susan, who is a short body, anyway, was carried along on the crest of the wave, so to speak, knocking over the screen as she came. It happened naturally chough, but it was the funniest thing I ever saw, and it beat anything you could see at twenty dog shows. Sorry we can't serve dinner that way to enight, but the fact is, Susan has taken her turn at kicking and the Devil goes to the woodshed during meals."

### LIVES IN AN IRON KETTLE. Knows Latin and a Thing or Two Besides, and He Is Happy.

From the St. Louis Republic. Near the foot of Ashley street there is an old cast-iron sugar condenser rusting in the sand, It is shaped like an inverted teacup, with a hole in the bottom. It is shout five feet high and twelve feet in diameter, and for some time it has been the home of old Tony Finch.

Tony has placed about a bale of dry hay inside, equipped the only opening in his iron home with a "sky-piece" of tin, and when he crawls into his pole at night, practically pulls the hole in after him, and sleeps in a shell of cast iron an

Near by in the ground he has excavated a sort of cellar, in which he has built a brick fireplace, the smoke from which ascends to the upper at-mosphere through an old steamboat smokestack. Here he cooks his meals, smokes his sipe, and en-tertains levee nomads of his own sort, or rather of his own condition, for Tony is a rare bird. of his own condition, for Tony is a rare bird.

A reporter visited his mosque yesterday, and, seeing no sign of life, rapped on the from shell. The "sky-piece" dropped aside and the grizzly inmate's tousled head popped out like some dirty Neptune from his diving bell.

"Good morning, Mr. Finch," said the visitor.

"The same to you, answered he shaking the hayseed from his whiskers. "I will join you in a moment."

"The same to you, answered he, shaking the haysed from his whiskers. "I will join you in a moment."

He disappeared long enough to get his hat, and then crawling out of his shellied the way to his subterranean antercom. This is so small that a seat on the beach against one wall almost touches the ride brick fireplace on the opposite side. Here, with a wave of the hand, the host bade his gnest be seated.

"How is the world using you?" began the latter, to "draw out" Mr. Finch.

"Home homini lupus," said he, dropping into the latin with the case of a savant, "as Horace would say, man is a wolf to his fellow man, but I manare to keep the wolf from my door.

"Do you follow any business?" was asked.

"On, yes; I gather wood along the levee when I can, but in winter there is considerable competition and less wood than in summer, when I need it less. It's all stratagem, sir, all stratagem. You see "taking down an old skilled upon which was a marvellous looking cold stew," I have forace, here is my fuel, and I sleep yonder. I ponch on no man's domain; "doff incopox," as Livy has it! I live by stratagem, and have no enemy but myself, sir.

"Is it true that you were educated for the ministry, Mr. Finch!" was asked.

"With your permission we will not refer to my past history. I avoid that subject myself. "Noto Episopara, as Dean Swift once said, and, besides, it does not matter, what I would be, nor what I am, for that matter."

The old man was very dirty, a dismal tear glistened on the end of his cerise-colored nose, and the questioner dropped the subject.

"I see you manare to keep some reading matter," said the reporter, as old Finch began to munch his dinner.

"O, yes: 'ofium sine litteris mors est.'" said he, with his mouth full of fried poratoes.' I have a Josephus, 'the Spectator,' and 'Shakespeare,' but the light here is not good for reading."

### THAT FLORIDA SEA MONSTER.

### A Clergyman's Word for the Size and Appear-

ance of the Thing.

From the Bullimore Sun.

The Rev. Dr. John F. Goucher. President of the Woman's College, has returned from a trip to Forda, in company with Mrs. Goucher and their two daughters.

"One of the events of our trip," said Dr. Goucher last night, "was a visit to Amastaia Island, about lifteen miles from St. Augustine, where the remains of an unknown deep-sea moaster, which is thought to be an octopus, was washed ashore some time ago. The carcass is not intact, the head being missing, and, as well, the arms of the moaster. In much the carcass resembles that of an octopus, although I believe the carcass does not show whether or not there were eight arms, which complete the antenny of the octopus. A fisherman since our visit to the screen of the crustures discovery claims to have found one of the arms, which is said to be thirty-dive feet in length.

"Some idea of the cize of this great monster may be eathered from the fact that this mutilated remaint weights about seven tone and required a half-lozan horses to drag it away from the sea to a safe aithraie. If it is true that one of its arms has been found and that it is of the reputed length, then the creature must been between seventy and eighty feet long.

"The octopus is found, in these semi-tropical waters, and the sperm whale, which feets agen the maker, may lave kill of the signatic specime. Samors tell stories of finding sperm whales with "sake its similar to the tributes of the octopus the size of a dinner plate burded in the sake of a dinner plate burded in the sake of a dinner plate burded in the sake of a dinner plate burded in the college of the which seems and the specimen whale, with the finding of the great master on Amastasia Island gives the color of truth to their relations in this respect.

"Perticus of the creature have been sent to the Smithsorian Institution at Washington, D.C., where its election of Discovered."

From the Philadelphia North American, "Yes, George," the said, with a fond smile, "our engagement must be kept a secret."

"But why, dear?" he said.
"Because, slip boy, if it were made public people would think I really intended to marry you."

No Criterion for Kentucky.

## INDIANA'S SQUARED CIRCLE

ALL ABOUT THE METHOD FORMALLY APPROVED IN THE LEGISLATURE

It Substitutes the Batio 8.9 for the Time-Honored 3.1116-But Prudent People Will Be Likely to Stick to the Old Figures.

From the Indianapolis Journal. Official recognition by one branch of the Indiana Legislature has been given Dr. Edward Johnston Goodwin for solving three geometri-cal problems which have puzzled the brains of mathematicians since the crection of the pyra-mids of Egypt, and which the French Academy of Science, in 1775, and the Royal Society of Great Britain in 1776, both declared impossible of solution. The first and most important of these problems is what has been popularly termed for centuries the squaring of the circle. or in science the quadrature of the circle. The other two problems solved by Dr. Goodwin are known in mathematics as trisection of the angle and the duplication of the cube.

The solution of these problems is a matter of little interest to the average citizen, but to scionce the worth of these solutions cannot be estimated in money. To the development of astronomical science their value is incalculable. The mystery surrounding the supposed impossibility of these problems has ever inspired both eranks and mathematicians to unceasing toil in their search for the correct formulas. Squaring the circle has been a chimera as vegue as perpetual motion, and it was be-cause of the worry and waste of time in examining the many alleged solutions - presented by would be discoverers of the key to squaring the circle that the French and English societies, over a hundred years ago, decided that the problem was impossible, and refused to consider the subject further. This action was supposed to settle for all time the fact that the decimal 3.1416 plus (Pi), multiplied by the diam-

the problem was impossible, and refused to consider the subject further. This action was supposed to settle for all time the fact that the decimal 3.1410 plus (Pb. multiplied by the diameter of a circie, would give the circumference. It was always known that this desimal was not the correct multiple, but it was taken so hearing accurate that it would serve for all purposes, and the mathematicians let it go at that.

Dr. Goodwin discovered the formula for squaring the circle eight years ago, but not until the World's Fair did he make any effort to get his discovery before the world. He secured space in the Liberal Arts building for hanging his charts and intended to be present and make his demonstration to those visiting the ciucational exhibit, but Selim H. Peabody, chief of the department, after granting the space, revoked his permit and advised the author to present his solution to the discricta Methematical Journal, the highest authority in this country, and the editor instanting accepted it and printed it in the September number of 1833, while the World's Fair was in progress. It stiracted the attention of mathematicians the world over, the scientific journals at Paris at once communicating with the author for original contributions to their papers.

Dr. Goodwin has his formulas and laws derived from them copyrighted in the United States and in seven countries of Europe-England, Germany, Beigium, France, Austria, Italy, and Spain, During his visit to Washington he won the support of the professors at the National Apronomical Observatory, at the head of which is the celebrated Professor Hall, whose fame is secure with the discovery of the moons of Mars, Dr. Goodwin's demonstration was presented to both Hurley and Tyndall and indorsed by them before it was copyrighted.

The unan who has thus shown the errors in the text books from Euclid's time to Loomis's a native of Virginia, where he was born near Petersburg, Dec. 30, 1828. A wealthy anni seni him to school and furnished the finds for a nourse at the Phila

are of 80 degrees faints to in of the said requirements.

"It is impossible to quadrate the circle by taking the diameter as the linear unit, because the square root of the product of the diameter by the quadrant of the circumference produces the side of a square which equals 9 when the quadrant equals 8. It is not mathematically consistent that it should take the side of a square whose perimeter equals that of a creater

square whose perimeter equals that of a greater circle to measure the spec contains that of a greater circle to measure the spec contains the two in the circle has happily because a piece of the iron eight ere, it would require a piece of the iron eight ere, it would require a piece of the iron eight ere, it would require a piece of the iron eight ere, it would require a piece of the iron eight ere in the iron of the chord and are of 90 degrees, which is as 7:8, and also the ratio of the diagonal and one side of a square which is as 10:7. These two ratios show the numerical relation of diameter to circumference to be as 11;4.4.

"Authorities will please note that while the finite ratio (13:44) represents the area of the case of a circle whose circumference equals 4 pius 2 per cent. The case of the extremest of the respective proportions stated as follows: 1:3:20:123-13;1416::1127323-13.

"It will be observed that the product of the extremest sequal to the are of 90 degrees shows very clearly that the ratio of the circle it be small in precipital as the ratio of the circle it be small in precipital as the ratio of the circle it be small in precipital as the ratio of the circle it be small in the second proportion. Furthermore, the quare on a side. Again, the number required to express the units of length in one fourth of a right inte is the square of the linear unit bounded by it in the form of a square whose ratio is as 1:4.

"These properties of the ratio of the square the sum of its sides by one-following founds in the squares of the linear unit bounded by it in the form of a square whose ratio is as 1:4.

"These properties of the ratio of the square as part of the circle whose quariant is unity. Of the quadrant, and CV2 will apply as the numerical measure of a circle whose quariant is unity. Of the quadrant, and CV2 will apply as the numerical of employ as the linear unit. The square of the circle whose circumference of a circle whose quariant is unity. Of the diameter as the linear unit. The square of the s

No Criterion for Kentucky.

From the Circulard Figur Decler.

The Gentleman from Kentucky—Is this a good article of writing papah, san?

The Salesman—You can judge by the water mark.

The Kentuckian—Water mark, sah? No, sah! Show me something else, sah.

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